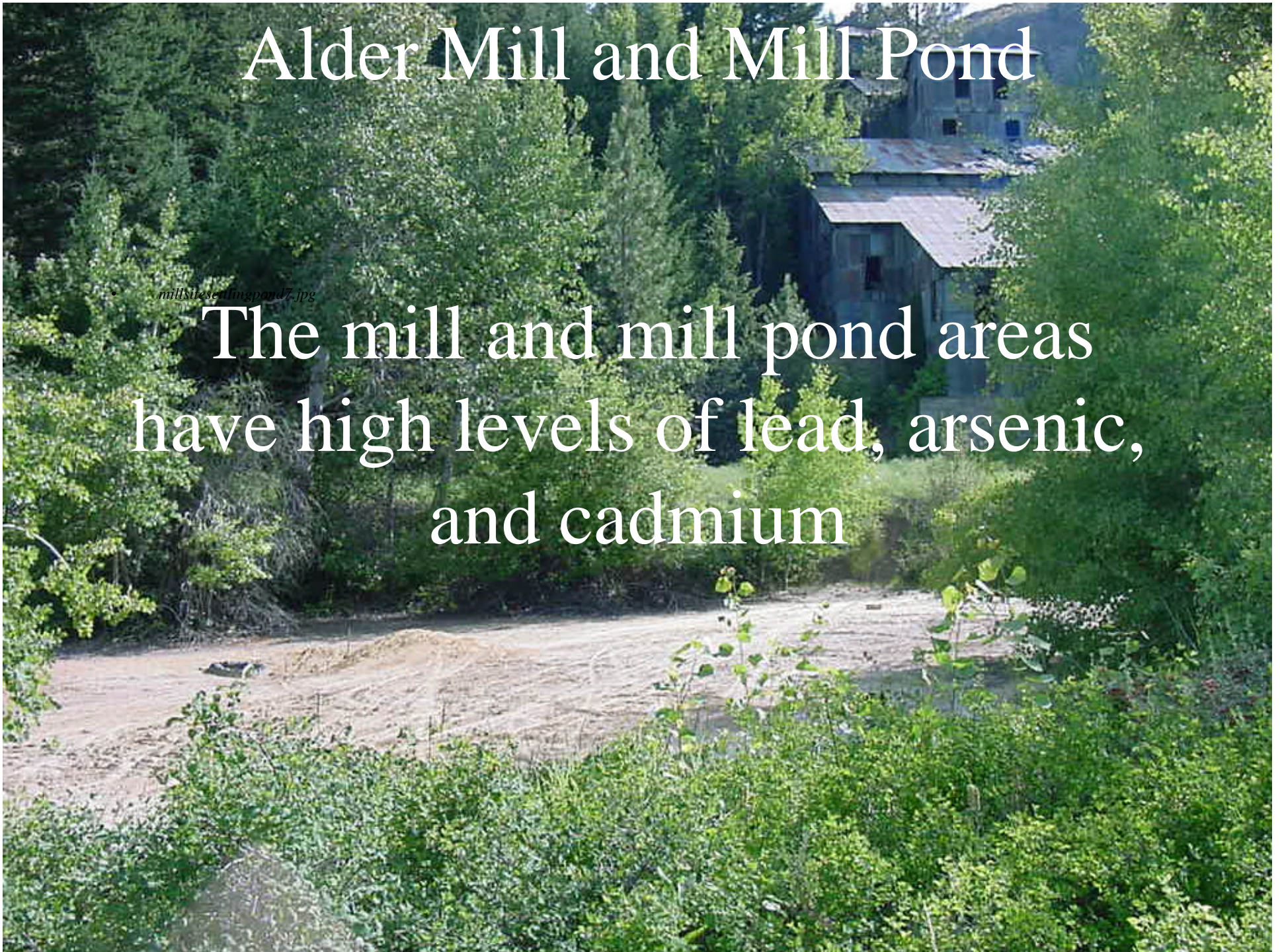


Alder Mill and Mill Pond

• *millstresidingpond7.jpg*

The mill and mill pond areas
have high levels of lead, arsenic,
and cadmium



The Mill and Mill Pond
represent a direct exposure hazard for
trespassers who frequent the area.



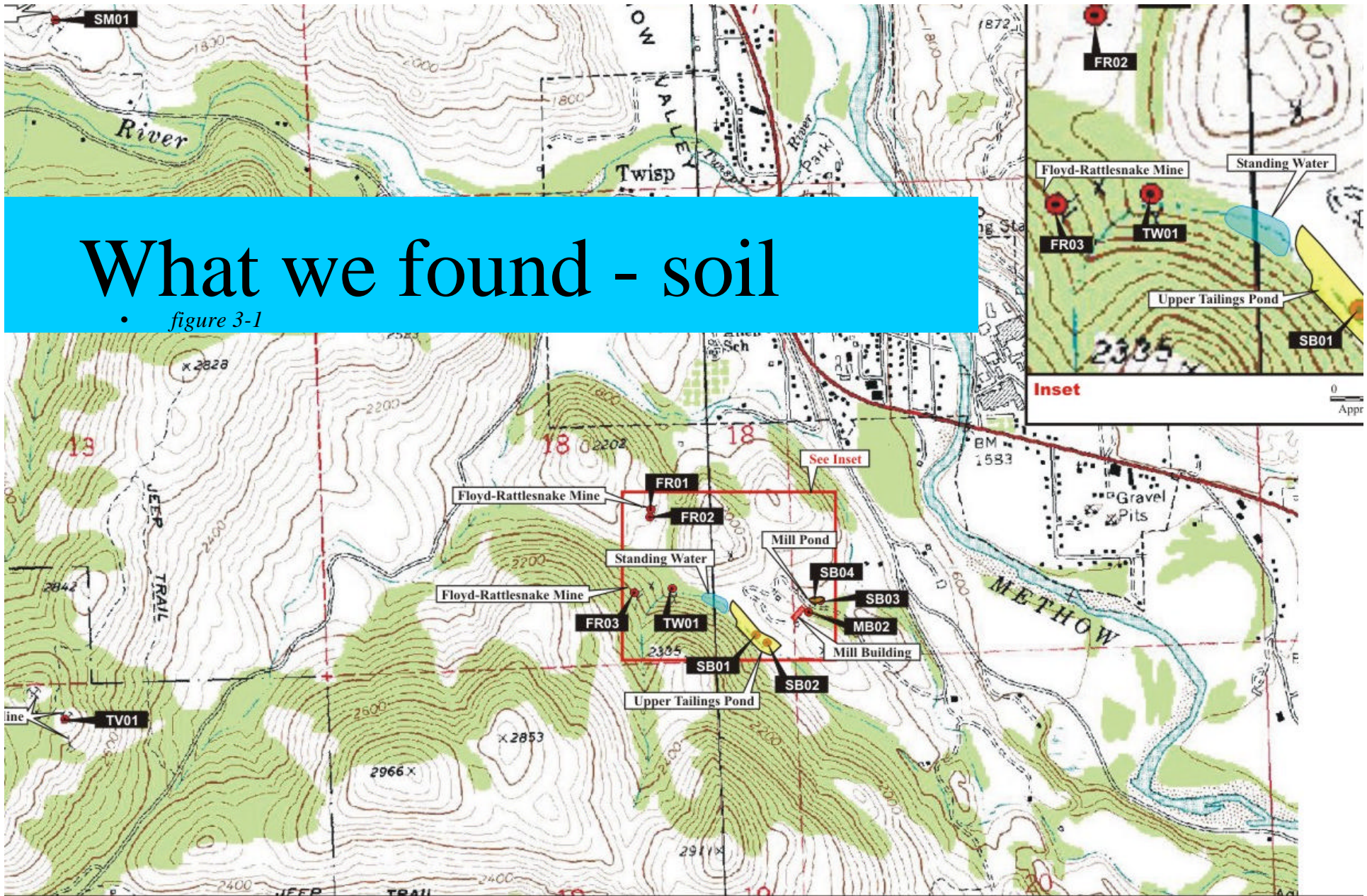
Next steps

- Fencing of Upper Tailings Pond
- Demolition of Mill
- Relocation of Mill Pond to a repository to prevent direct contact *figure 3-3*

Groundwater Investigation

What was investigated

- Wells used for drinking water
- Groundwater above and below the Alder Mill upper and lower tailings ponds
- Soil from the Alder Mill and nearby mines (Floyd Rattlesnake, Twisp View, Spokane)
- Leachability of tailings piles. figure 3-1



What we found - soil

• figure 3-1

d environment, inc.
Specialists in the Environment



0 1,320 2,640
Approximate Scale in Feet

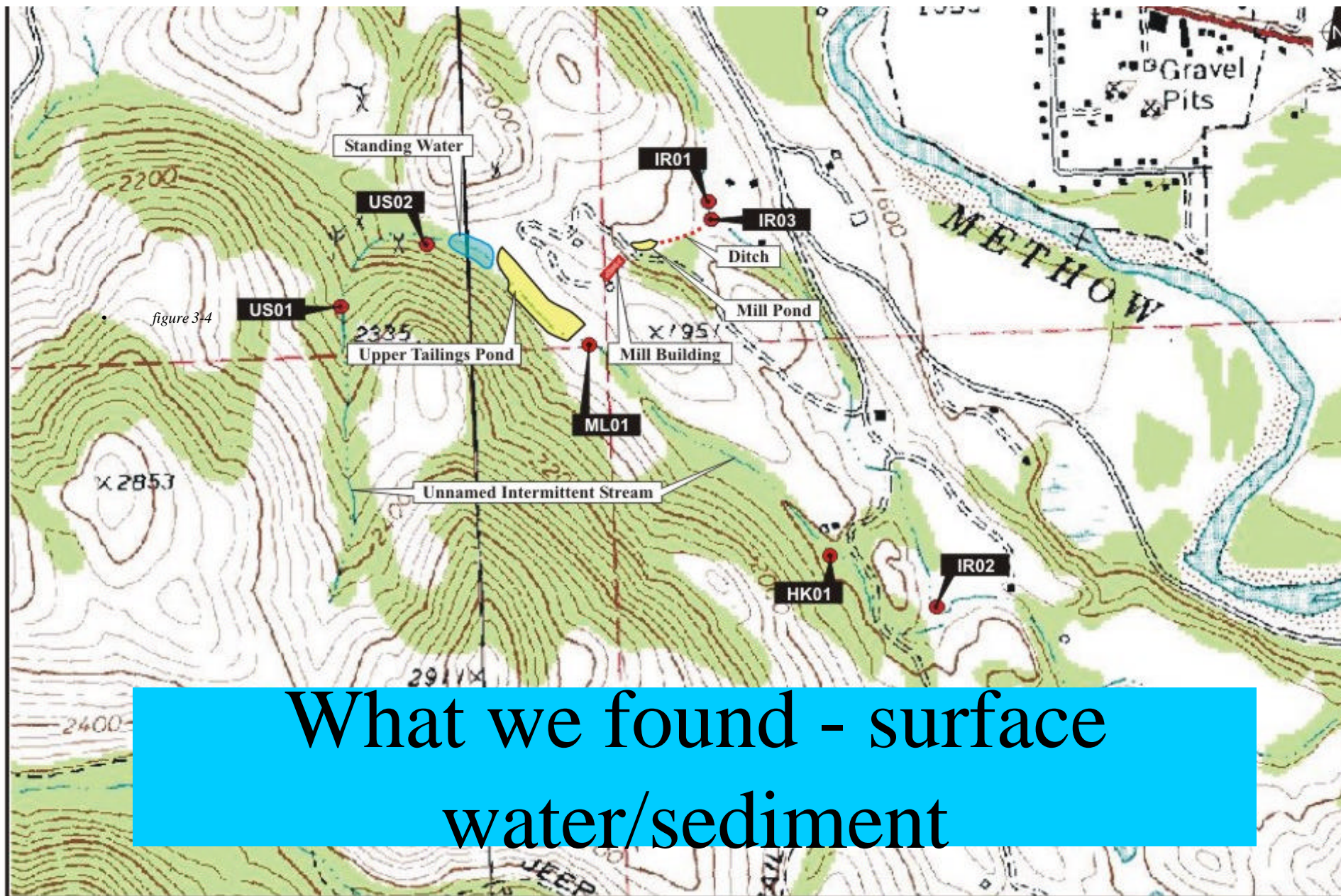
ALDER GOLD AND COPPER COMPANY SITE
INTEGRATED ASSESSMENT
Twisp, Washington

Figure 3-1
SURFACE SOIL SAMPLE LOC.

Date:
8/9/02

Drawn by:
AES

10:020100075



What we found - surface
water/sediment



ecology and environment, inc.
International Specialists in the Environment
Seattle, Washington

ALDER GOLD AND COPPER COMPANY SITE
INTEGRATED ASSESSMENT
Twisp, Washington

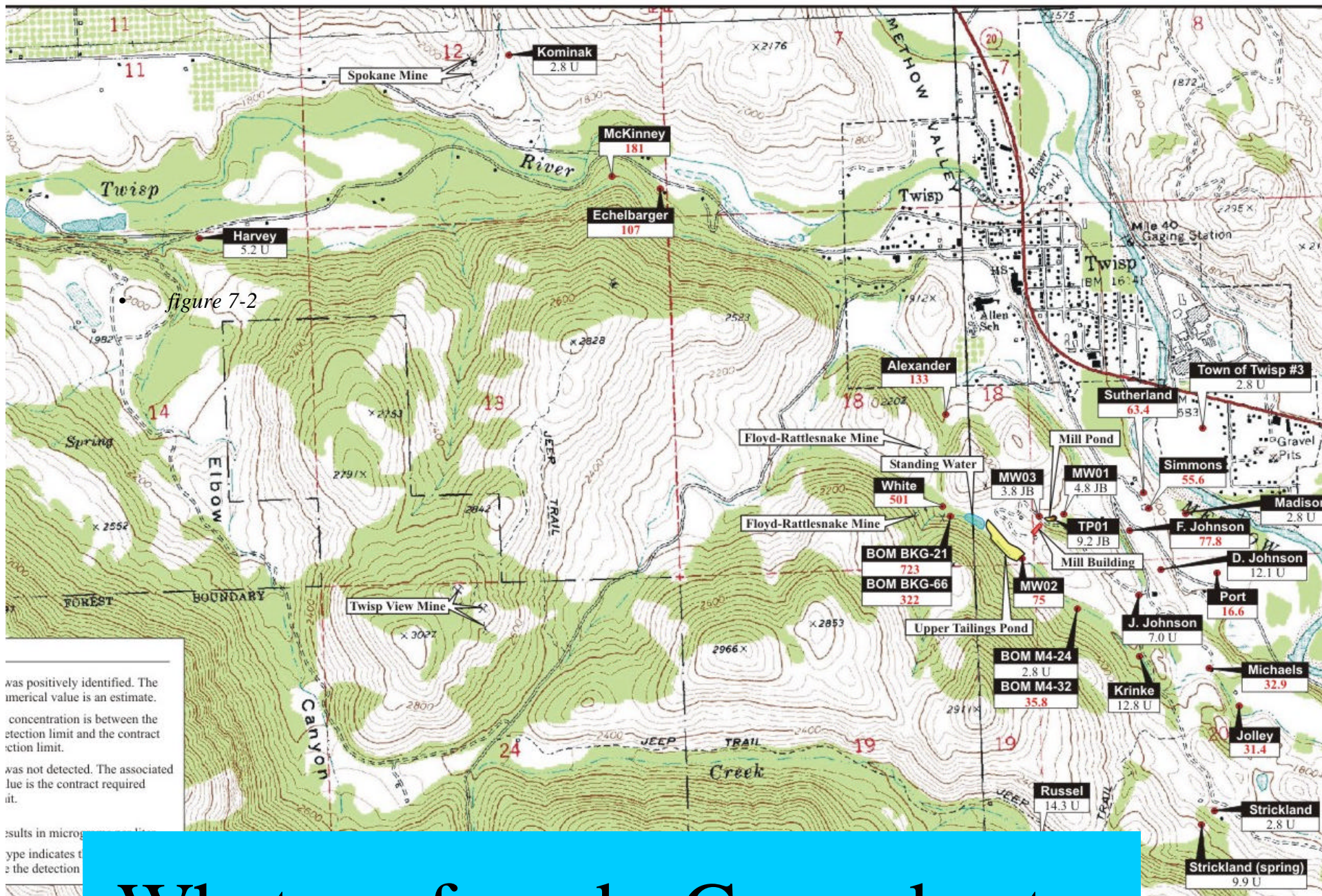
0 660 1,320
Approximate Scale in Feet

Figure 3-4
SURFACE WATER/SEDIMENT
SAMPLE LOCATION MAP

Date:
8/9/02

Drawn by:
AES

10:START-2\02010007\S771\fig 3-4



What we found - Groundwater

Figure 7-2
IC GROUNDWATER SAMPLE
Drawn by:

Conclusions

The limited sampling performed by EPA during 2002 indicates the following:

- The geology of the area appears to have a high naturally occurring background level of arsenic.
- The Alder Mill does not currently appear to be a significant contributor of arsenic to the groundwater.

Where to go from here

- Draft EPA Assessment is out for Agency and public review.
- Arsenic from whatever source can pose a health risk. Bottled water and POU treatment are ways to reduce this risk.
- Superfund cannot be used for background related phenomenon; Bottled water will end Oct. 30.
- OCHD/WDOH can help you find a lab to test your water to see if arsenic is elevated in your well and answer general questions about POU treatment and arsenic health risks.

For more information:

- <http://yosemite.epa.gov/r10/cleanup.nsf/sites/alder>
- Sean Sheldrake EPA 1-800-424-4372
- Doug Hale OCHD (509) 422-7141

